

CLAIMS

1. Multiple-row radial bearing with at least one bearing race and pertaining rolling bodies, with the bearing race having at least one central collar, characterized in that the central collar of the bearing race is formed by a single-piece ring (11), which is provided with a slot (12) and has variable diameter, for insertion in a circumferential groove (10).
2. Multiple-row radial bearing according to claim 1, characterized in that the bearing is configured as double-row radial cylindrical roller bearing with an inner race (2) and an outer race (1), with the outer race (1) provided with a central collar and the inner race (2) provided with a central collar (4) and two outer collars (5), whereby the central collar of the outer race (1) is formed by the ring (11) and the inner bearing race (2) is designed in one piece.
3. Multiple-row radial bearing according to claim 1, characterized in that the ring (11) includes a circumferential outer rib (13), which is arranged in the groove (10), and two opposite axial ends (14), which expand in their radial extension, with the rib (13) being arranged centrally or off-center with respect to the width of the ring (11).
4. Multiple-row radial bearing according to claim 1, characterized in that the slot (12) extends parallel or at a certain angle to a bearing axis (15).

b  
5. Multiple-row radial bearing according to claim 2, characterized in that the outer collars (5) of the inner race (2) are provided with a sealing element (7).

full b1  
} 6. Multiple-row radial bearing according to claim 2, characterized in that the inner race (2) is provided with a circumferential lubricating groove (8) and with one or more radial lubricating bores (9).

7. Multiple-row radial bearing according to claim 1, characterized in that the ring (11) is subjected to a hardening process.

b  
8. Multiple-row radial bearing according to claim 1, characterized in that the ring (11) is coated with a friction-reducing material, for example polytetrafluoroethylene (PTFE).

odd 21

Add  
b3